

Combined Synopsis/Solicitation for Chiller Maintenance, Postwide, Fort Campbell, Kentucky

Classification Code: J041 Maintenance, Repair, and Rebuilding of Equipment

Solicitation Number: W91248-10-B-0100

Closing Date: 20 November 2009: 2:00 PM CST

Restrictions: This is a combined synopsis/solicitation for Chiller Maintenance, Postwide, Fort Campbell, Kentucky - Commercial Items prepared in accordance with the format in Subpart 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; bids are being requested and a written solicitation will not be issued. Solicitation Number W91248-10-B-0100 is issued as an Invitation for Bid (IFB). The solicitation document and incorporated provisions and clauses are those in effect through Federal Acquisition Circular 2005-37, dated 14 Oct 2009. NAICS is 811310; business size is \$7.0 Million; acquisition is 100% set-aside for Service Disabled Veterans Small Business Concerns.

Description of Items Requested: **Base Year**, Line Item 0001 Winter Maintenance for Line Items 0001AA through 0001AE, Line Item 0001AA, 3 Each, CHVE 1280, Line Item 0001AB, 2 Each CHVE – 400/410, Line Item 0001AC, 5 Each, Screw Water Cooled Type, Line Item 0001AD, 6 Each, Air Cooled – Greater than 100 Tons, Line Item 0001AE, 7 Each, Air Cooled – 100 Tons and Less, Line Item 0002 Summer Maintenance for Line Items 0002AA through 0002AE, Line Item 0002AA, 3 Each, CHVE 1280, Line Item 0002AB, 2 Each CHVE – 400/410, Line Item 0002AC, 5 Each, Screw Water Cooled Type, Line Item 0002AD, 6 Each, Air Cooled – Greater than 100 Tons, Line Item 0002AE, 7 Each, Air Cooled – 100 Tons and Less, Line Item 0003, Emergency Repair Assessment, 4 Each, Line Item 0004 Time and Materials – To be Requested as Needed by the Government (Line Items 0004AA and 0004AB), Line Item 0004AA, Labor Man Hours, 100 Each (estimated); Line Item 0004, Materials (To be Paid In Accordance with Contract Clause 52.212-4, Alt 1), 1 Lump Sum (estimated) \$6000.00. Line Item 0005, Contractor Manpower Reporting, 1 Lump Sum. **First Option Period**, Line Item 1001 Winter Maintenance for Line Items 1001AA through 1001AE, Line Item 1001AA, 3 Each, CHVE 1280, Line Item 1001AB, 2 Each CHVE – 400/410, Line Item 1001AC, 5 Each, Screw Water Cooled Type, Line Item 1001AD, 6 Each, Air Cooled – Greater than 100 Tons, Line Item 1001AE, 7 Each, Air Cooled – 100 Tons and Less, Line Item 1002 Summer Maintenance for Line Items 1002AA through 1002AE, Line Item 1002AA, 3 Each, CHVE 1280, Line Item 1002AB, 2 Each CHVE – 400/410, Line Item 1002AC, 5 Each, Screw Water Cooled Type, Line Item 1002AD, 6 Each, Air Cooled – Greater than 100 Tons, Line Item 1002AE, 7 Each, Air Cooled – 100 Tons and Less, Line Item 1003, Emergency Repair Assessment, 4 Each, Line Item 1004 Time and Materials – To be Requested as Needed by the Government (Line Items 1004AA and 1004AB), Line Item 1004AA, Labor Man Hours, 100 Each (estimated); Line Item 1004AB, Materials (To be Paid In Accordance with Contract Clause 52.212-4, Alt 1), 1 Lump Sum (estimated) \$6300.00. Line Item 1005, Contractor Manpower Reporting, 1 Lump Sum **Second Option Period**, Line Item 2001 Winter Maintenance for Line Items 2001AA through 2001AE, Line Item 2001AA, 3 Each, CHVE 1280, Line Item 2001AB, 2 Each CHVE – 400/410, Line Item 2001AC, 5 Each, Screw Water Cooled Type, Line Item 2001AD, 6 Each, Air Cooled – Greater than 100 Tons, Line Item 2001AE, 7 Each, Air Cooled – 100 Tons and Less, Line Item 2002 Summer Maintenance for Line Items 2002AA through 2002AE, Line Item 2002AA, 3 Each, CHVE 1280, Line Item 2002AB, 2 Each CHVE – 400/410, Line Item 2002AC, 5 Each, Screw Water Cooled Type, Line Item 2002AD, 6 Each, Air Cooled – Greater than 100 Tons, Line Item 2002AE, 7 Each, Air Cooled – 100 Tons and Less, Line Item 2003, Emergency Repair Assessment, 4 Each, Line Item 2004 Time and Materials – To be Requested as Needed by the Government (Line Items 2004AA and 2004AB), Line Item 2004AA, Labor Man Hours, 100 Each

(estimated); Line Item 2004AB, Materials (To be Paid In Accordance with Contract Clause 52.212-4, Alt 1), 1 Lump Sum (estimated) \$6515.00. Line Item 2005, Contractor Manpower Reporting, 1 Lump Sum. See Bid Schedule at <https://doc.campbell.army.mil>. Offers are due not later than 20 November 2009: 2:00 PM CST. All responsible concerns may submit a bid that will be considered by this agency. A Base Year and Two (2) Option Periods are contemplated. The complete Statement of Work and associated documents can be downloaded at <https://doc.campbell.army.mil> under subject Solicitation number. Wage Decision is applicable to this solicitation and resulting contract. The following provisions and clauses are applicable to this acquisition: 52.212-1, Instructions to Offerors – Commercial (Jan 2005); 52.214-10, Contract Award – Sealed Bidding (Jul 1990), 52.212-4, Contract Terms and Conditions – Commercial Items (Feb 2007); 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders – Commercial Items (Jun 2007), the following apply under this clause: 52.203-6, Restrictions on Subcontractor Sales to the Government (Sep 2006); 52.219-8, Utilization of Small Business Concerns (May 2004); 52.219-14, Limitations on Subcontracting (Dec 1996); 52.219-27, Notice of Total Service Disabled Veteran-Owned Small Business Setaside (Jan 1999); 52.219-28, Post Award Small Business Program Representation (June 2007); 52.222-3, Convict Labor (Jun 2003); 52.222-21, Prohibition of Segregated Facilities (Feb 1999); 52.222-26, Equal Opportunity (Mar 2007); 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2006); 52.222-36, Affirmative Action for Workers with Disabilities (Jun 1998); 52.222.37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Sep 2006); 52.222-39, Notification of Employee Rights Concerning Payment of Union Dues or Fees (Dec 2004); 52.222-41, Service Contract Act of 1965 (July 2005); 52.222-42, Statement of Equivalent Rates for Federal Hires (May 1989) with fill-in as Maintenance Machinist (Non-Supervisory), WG-10, \$22.69 and Maintenance Machinist (Supervisory) \$30.67 plus fringe benefits; 52.222.43, Fair Labor Standards Act and Service Contract Act – Price Adjustment (Multiple Year and Option Contracts (Nov 2006); 52.222-50, Combat in Trafficking in Persons (August 2007); 52.222-54, Employment Eligibility Verification; 52.225-13, Restrictions on Certain Foreign Purchases (Feb. 2006); 52.228-5, Insurance—Work on a Government Installation (Jan 1997) see following Schedule of Insurance following this synopsis; 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (Oct. 2003); 252.212-7001, Contract Terms and Conditions Required to Implement Statutes or Executive Orders Applicable to Defense Acquisition of Commercial Items (Apr 2007), the following apply under this clause: 52.203-3, Gratuities (Apr 1984); 252.225-7001, Buy American Act and Balance of Payments Program (Jun 2005); 252.225-7012, Preference for Certain Domestic Commodities (Jan 2007); 252.232-7003, Electronic Submission of Payment Requests (Mar 2007); 252.243-7002, Request for Equitable Adjustment (Mar 1998); 252.247-7023, Transportation of Supplies by Sea (May 2002); 252.247-7024, Notification of Transportation of Supplies by Sea (Mar 2000). Other applicable contracts are incorporated as an addendum: 52.217-8, Option to Extend Services (Nov 1999), fill-in(s) are 6 months and 30 calendar days; 52.217-9, Option to Extend the Term of the Contract (Mar 2000), fill-in(s) are 30 calendar days, 60 calendar days, and Three (3) years; 52,216-18, Ordering (Oct 1995) with the following fill-in: Exact 12 Month Period of Performance will be stated at Contract Award. 52.216-19, Order Limitation (Oct 1995) – This clause applies to all line items 0003 and 0004 and its subclins. Paragraph (a): Minimum order is \$500.00; Paragraph (b)(1): Maximum Order for a single item is \$2000.00; Paragraph (b)(2): Maximum Order for a combination of orders is \$6000.00; Paragraph (b) (3): A series of orders from the same ordering office within ten (10) days; Paragraph (d): The contractor shall honor any order exceeding the maximum order limitation unless returned to the ordering office within 5 days after issuance. 52.216-21, Requirements (Oct 1995), Alt I – This clause applies to Line Items 0003 and 0004 – fill-in is as follow: Paragraph (f) – Three (3) Years. 52.232-19, Availability of Funds for the Next Fiscal Year (Apr 1984), fill-in(s) are 30 September 2010; A completed copy of the provision at 52.212-3, Offeror Representations and Certifications – Commercial Items (Nov 2006) and 252.212-7000, Offeror

Representation and Certification – Commercial Items (Jun 2005) shall be submitted with the quotation; Access the Directorate of Contracting website at <https://doc.campbell.army.mil/> to review the Statement of Work (SOW). One award will be made to the offeror who is found to be the lowest priced responsible & responsive bidder who submits the lowest overall price for the base and all option periods. Facsimile bids ARE NOT acceptable; mailing address is Directorate of Contracting, 13 ½ Street, Building 2176, Fort Campbell, Kentucky, 42223. All contractors must be registered in the Department of Defense Contractor Registration (CCR) database prior to any contract award. Any questions concerning this acquisition can be directed to Angela Jacobs (270) 798-0380; angela.jacobs@us.army.mil or Gertrude A. Colbert (270) 798-7566; colbert.gertrude@us.army.mil

SCHEDULE OF INSURANCE:

a. The Contractor shall, at its own expense, provide and maintain during the entire performance period of this contract at least the kinds and minimum amounts of insurance required below:

Workmen's Compensation and Employer's Liability Insurance	\$100,000.00
General Liability Insurance for Bodily Injury Liability:	
Minimum Per Occurrence	\$500,000.00
Automobile Liability Insurance:	
Minimum Per Person	\$200,000.00
Minimum Per Occurrence for Bodily Injury	\$500,000.00
Minimum Per Occurrence for Property Damage	\$20,000.00

b. Before commencing work under this contract, the Contractor shall certify to the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective (1) for such period as the laws of the State in which this contract is to be performed or prescribed (2) until 30 days after the insurer or the Contractor give written notice to the Contracting Officer, whichever period is longer.

c. The Contractor shall insert the substance of the clause entitled "Insurance - Work on a Government Installation (FAR 52.228-5)," in subcontracts under this contract that requires work on a Government installation and shall require subcontractors to provide and maintain the insurance required above.

Contractor Manpower Reporting

The Office of the Assistant Secretary of the Army (Manpower & Reserve Affairs) operates and maintains a secure Army data collection site where the Contractor will report ALL Contractor manpower (including subcontractors manpower) required for performance of this contract. The Contractor is required to completely fill in all information in the format using the following web address <https://contractormanpower.army.pentagon.mil>. The required information includes:

- a. Contracting Office, Contracting Officer, Contracting Officer's Technical Representative;
- b. Contract number, including task and delivery order number;
- c. Beginning and ending dates covered by reporting period;

- d. Contractor name, address, phone number, e-mail address, identity of contractor employee entering data;
- e. Estimated direct labor hours (including subcontractor);
- f. Estimated direct labor dollars paid this reporting period (including subcontractors);
- g. Total payments (including subcontractors);
- h. Predominant Federal Service Code (FSC) reflecting services provided by Contractor (and separate predominant FSC for each subcontractor if different);
- i. Estimated data collection cost;
- j. Organizational title associated with the Unit Identification Code (UIC) for the Army Requiring Activity (the Army Requiring Activity is responsible for providing the Contractor with its UIC for the purposes of reporting this information);
- k. Locations where Contractor and subcontractors perform the work (specified by zip code in the United states and nearest city, county, when in an oversea location, using standardized nomenclature provided on website;
- l. Presence of deployment or contingency contract language; and
- m. Number of Contractor and subcontractor employees deployed in theater this reporting period (by country).

As part of its submission, the Contractor will also provide the estimated total cost (if any) incurred to comply with this reporting requirement. Reporting period will be the period of performance not to exceed 12 months ending September 30 of each Government fiscal year and must be reported by 31 October of each calendar year. Contractors may use a direct XML data transfer to the database server or fill in the fields on the website. The XML direct transfer is a format for transferring files from a Contractor's systems to the secure website without the need for separate data entries for each required data element at the website. The specific formats for the XML direct transfer may be downloaded from the website.

**BID SCHEDULE
CHILLER MAINTENANCE, POSTWIDE
FORT CAMPBELL, KY
BASE YEAR AND TWO OPTION PERIODS**

The contractor shall provide all labor, supplies, equipment, and necessary materials to perform all operations in connection with providing Chiller Maintenance Services, Postwide, Fort Campbell, Kentucky as stated herein and in accordance with the specifications.

Line Items 0003 and 0004 to include their subclins are requirements line items and will be ordered by the Government as needed by issuance of delivery orders; all quantities for these line items are estimated and the Contractor will be paid for actual work performed.

**BASE YEAR
(12 MONTH PERIOD OF PERFORMANCE)**

CLIN	Description	Quantity	Unit	Unit Price	Amount
0001	Winter Maintenance				
0001AA	CHVE - 1280	3	Each		\$ -
0001AB	CHVE - 400/410	2	Each		\$ -
0001AC	Screw Water Cooled Type	5	Each		\$ -
0001AD	Air Cooled - Greater than 100 tons	6	Each		\$ -
0001AE	Air Cooled - 100 tons and Less	7	Each		\$ -
0002	Summer Preventative Maintenance (P.M.)				
0002AA	CHVE - 1280	3	Each		\$ -
0002AB	CHVE - 400/410	2	Each		\$ -
0002AC	Screw Water Cooled Type	5	Each		\$ -
0002AD	Air Cooled - Greater than 100 tons	6	Each		\$ -
0002AE	Air Cooled - 100 tons and Less	7	Each		\$ -
0003	Emergency Repair Assessment	4	Each		\$ -
0004	Time & Materials				
0004AA	Labor Man Hours	100	Each		\$ -

0004AB	Materials	1	Lump Sum	<u> </u>	<u>\$6000.00</u>
0005	Contractor Manpower Reporting	1	Lump Sum		\$ <u> </u>
Base (Year 1) Total					<u><u> </u></u>

**FIRST OPTION PERIOD
(12 MONTH PERIOD OF PERFORMANCE)**

CLIN	Description	Quantity	Unit	Unit Price	Amount
1001	Winter Maintenance				
1001AA	CHVE - 1280	3	Each	<u> </u>	<u>\$ -</u>
1001AB	CHVE - 400/410	2	Each	<u> </u>	<u>\$ -</u>
1001AC	Screw Water Cooled Type	5	Each	<u> </u>	<u>\$ -</u>
1001AD	Air Cooled - Greater than 100 tons	6	Each	<u> </u>	<u>\$ -</u>
1001AE	Air Cooled - 100 tons and Less	7	Each	<u> </u>	<u>\$ -</u>
1002	Summer Preventative Maintenance (P.M.)				
1002AA	CHVE - 1280	3	Each	<u> </u>	<u>\$ -</u>
1002AB	CHVE - 400/410	2	Each	<u> </u>	<u>\$ -</u>
1002AC	Screw Water Cooled Type	5	Each	<u> </u>	<u>\$ -</u>
1002AD	Air Cooled - Greater than 100 tons	6	Each	<u> </u>	<u>\$ -</u>
1002AE	Air Cooled - 100 tons and Less	7	Each	<u> </u>	<u>\$ -</u>
1003	Emergency Repair Assessment	4	Each	<u> </u>	<u>\$ -</u>
1004	Time & Materials				
1004AA	Labor Man Hours	100	Each	<u> </u>	<u>\$ -</u>
1004AB	Materials	1	Lump Sum	<u> </u>	<u>\$6300.00</u>
1005	Contractor Manpower Reporting	1	Lump Sum		\$ <u> </u>

**First Option Period
Total**

**SECOND OPTION PERIOD
(12 MONTH PERIOD OF PERFORMANCE)**

CLIN	Description	Quantity	Unit	Unit Price	Amount
2001	Winter Maintenance				
2001AA	CHVE - 1280	3	Each		\$ -
2001AB	CHVE - 400/410	2	Each		\$ -
2001AC	Screw Water Cooled Type	5	Each		\$ -
2001AD	Air Cooled - Greater than 100 tons	6	Each		\$ -
2001AE	Air Cooled - 100 tons and Less	7	Each		\$ -
2002	Summer Preventative Maintenance (P.M.)				
2002AA	CHVE - 1280	3	Each		\$ -
2002AB	CHVE - 400/410	2	Each		\$ -
2002AC	Screw Water Cooled Type	5	Each		\$ -
2002AD	Air Cooled - Greater than 100 tons	6	Each		\$ -
2002AE	Air Cooled - 100 tons and Less	7	Each		\$ -
2003	Emergency Repair Assessment	4	Each		\$ -
2004	Time & Materials				
2004AA	Labor Man Hours	100	Each		\$ -
2004AB	Materials	1	Lump Sum		\$6515.00
2005	Contractor Manpower Reporting	1	Lump Sum		\$
	Second Option Year Total				

RECAP:

Base Year Total Amount	\$ _____
1st Option Period Total Amount	\$ _____
2nd Option Period Total Amount	\$ _____
Grand Total: Base and Option Periods Total Amount	\$ _____

Basis for Award: A single award will be made to that responsive, responsible bidder that submits the lowest price for the base and all option periods.

**PERFORMANCE WORK STATEMENT
FOR
POST WIDE CHILLER MAINTENANCE
FORT CAMPBELL, KY**

C.1. GENERAL.

C.1.1. **SCOPE OF WORK.** The Contractor shall provide all labor, materials, and equipment to perform the following:

NOTE: Not all chilled water units are included under this contract. Additional chillers may be added or deleted at the unit price provided. This contract is intended to include maintenance on similar chillers that are or may be installed at Fort Campbell that may require preventative maintenance. See the Technical Exhibits to see what chillers are currently to be serviced on this contract, along with their location, information, etc. In the event of conflict between the manufacturer's recommendations and the technical exhibits, the more stringent of the requirements will be followed/required.

C.1.1.1 Perform Preventative Maintenance (both Winter and Summer) on the equipment identified in Technical Exhibit #1 and Technical Exhibit#4.

C.1.1.2 Perform Preventative Maintenance (both Winter and Summer) on the equipment identified in Technical Exhibit #2 and Technical Exhibit #4.

C.1.1.3 Perform Preventative Maintenance (both Winter and Summer) on the equipment identified in Technical Exhibit #3 and Technical Exhibit #4.

C.1.1.4 Minor Repairs. Line Items 0003 and 0004 will be used to order minor repairs as determined by the Government. Minor repairs is defined as replacing compressors, repairing leaks, and repairing piping, controllers, electronic components, electric motors, etc. The government is not required to order repair repairs that exceed \$2000.00 for any individual chiller.

C.1.2. **PROJECT MANAGEMENT AND SUPERVISION.** The Contractor shall designate a Project/Contract Manager/Supervisor (i.e., Contractor's Representative) with the authority to receive and perform work assignments, receive and implement changes to scheduled work, and receive and direct additional work assignments to be accomplished. Delivery of correspondence to this Contractor's Representative shall be deemed delivered to the Contractor. This individual shall be available, in accordance with communications specified in Paragraph C.4.6., during normal work hours, 7:30 A.M. to 4:00 P.M., Monday thru Friday, for communication with the Contracting Officer's Representative. When contract work is being performed at times other than described above, or if the Project Manager is absent, the Contractor shall designate an individual to act for the Project Manager.

C.1.3. CONTRACTOR EMPLOYEES.

C.1.3.1. **General Employee Qualifications.** All contractor employees shall be trained, qualified, certified or licensed as required to perform the work specified in this Performance Work Statement (PWS). In addition, technicians shall show three (3) years of current experience performing services on the type of equipment referenced in the Technical Exhibits and this contract. Proof of this employee experience shall be provided to the government for approval a minimum of five (5) days prior to an employee starting work under this contract. They shall conform to all security regulations which may be in effect during the contract period and shall be subject to such checks as may be

deemed necessary to assure that no violations occur. No employee shall be permitted on the reservation when such a check reveals that his presence would be detrimental to the security of the installation or the accomplishment of the work. The Contracting Officer may require the Contractor to remove any employee for security and misconduct reasons. A listing of all Contractor Employees shall be provided to the Contracting Officer no later than 30 days after contract award and shall be updated as changes occur. The Contractor's failure to ensure their employee's compliance with these requirements may be deemed as compromising the security and safety of the installation. Such conditions fostered by the Contractor or Contractor personnel may be grounds for the Contracting Officer to halt any and all Contractor performance with a commensurate deduction of monies due the Contractor until such unsafe conditions are corrected. The Contractor shall take due caution not to endanger personnel during performance of this contract.

C.1.3.2. **Employee Conduct.** Contractor employees shall conduct themselves in a professional, courteous manner at all times during the performance of his/her duties. The Contractor shall not allow any employee who has possession of or who is under the influence of alcohol or other illegal substances to perform work. The Contractor shall be responsible for the supervision and conduct of his employees. The Contracting Officer may require that any agent or employee of the Contractor whose conduct creates a disruption or risk to others be removed from the Government Installation. The Contractor shall return – and shall require that all subcontractors and suppliers return - all government access documents, i.e., ID cards or Access Badges, from dismissed personnel immediately upon dismissal.

C.1.3.3. **Employee Appearance.** Contractor's employees shall present a neat, clean, well-groomed appearance at all times.

C.1.3.4. **Uniforms.** All Contractor employees shall wear a distinctive professional uniform having the firm name, Fort Campbell, Kentucky, patch/device permanently affixed to the uniform. Uniform shall consist of pants and shirt, and be consistent in color for all employees. Uniforms shall be furnished by the Contractor, and a sample uniform shall be submitted for approval by the Contracting Officer within 30 days of contract award. Contractor shall also provide a distinctive uniform jacket/coat for wearing in inclement weather so as to easily identify Contractor employees.

C.1.3.5. **Identification Badges.** The contractor shall require – and shall require of all subcontractors and suppliers - that all employees satisfy and comply with all installation security requirements in order to gain access to the installation; included, but not limited to background checks, ID Card management, and maintaining and providing access rosters. The requirements may include furnishing identification cards or badges, with picture, to all employees. The card/badge shall include employee's name, company name, and be of a design approved by the Contracting Officer. Card/badge shall be submitted for approval within 30 days of contract award. Employees shall be required to display the identification badge at all times within the boundaries of this installation. The Contractor shall return – and shall require that all subcontractors and suppliers return - all government access documents upon the termination of the contract. Failure to comply with these requirements may compromise the security and safety of the installation.

C.1.4. **QUALITY CONTROL.**

C.1.4.1. The Contractor shall establish and maintain a complete Quality Control (QC) Plan to ensure the requirements of the contract are provided as specified. One copy of the Contractor's Quality Control Plan shall be provided to the Contracting Officer 14 days after contract award and as changes occur.

C.1.4.2. The QC plan shall include as a minimum:

C.1.4.2.1. A preventative maintenance system covering all the services listed elsewhere in this Performance Work Statement specifying the equipment to be maintained on either a scheduled or unscheduled basis, and how often this maintenance will be accomplished and the name and title of the individual(s) who will perform the inspections.

C.1.4.2.2 The methods for identifying and preventing defects in the quality of service performed, before the level of performance becomes unacceptable.

C.1.4.2.3 Records of all inspections conducted by the Contractor and any necessary corrective action taken. This documentation shall be made available to the Government within 5 business days after the end of the scheduled maintenance period during the term of the contract, and up to twelve (12) months after contract completion. A report shall be provided for chillers that are scheduled to be maintained. A monthly summary shall be provided in addition to the scheduled maintenance period reports and shall be submitted in hard and electronic copy. The electronic copy of the summary shall be provided by email or CD to the COR within 5 business days after the end of the month.

C.1.4.2.4 Submittals: The required records to be submitted to the government are specified in C.6.2.

C.1.5 **QUALITY ASSURANCE.**

C.1.5.1 The Government reserves the right to inspect the contractor's performance using any reasonable inspection method. When an observation indicates defective performance, the COR will request the contractor's representative to address corrective actions.

C.1.5.2 **Performance Evaluation Meetings.** The Contractor manager may be required to meet at least weekly with the Contracting Officer's Representative (COR) and the Contracting Officer during the first month of the contract. Meetings will be as often as necessary thereafter as determined by the Contracting Officer. However, if the Contractor requests, a meeting will be held whenever a Contract Discrepancy Report is issued. The written minutes of these meetings shall be signed by the Contractor's Contract Manager, Contracting Officer and COR. Should the Contractor not concur with the minutes, the Contractor shall so state any areas of non-concurrence in writing to the Contracting Officer within seven calendar days of receipt to the signed minutes.

C.1.6 **HOURS OF OPERATION**

C.1.6.1 Normal Working Hours. The Contractor's normal working hours shall be 0730 to 1600 (7:30 A.M. to 4:00 P.M.), Monday through Friday, excluding Federal Holidays.

C.1.6.2 After Normal Working Hours Work. Any work performed beyond normal duty hours and/or nonscheduled days shall be performed at no additional cost to the Government.

C.1.6.3 Holiday and Inclement Weather or Other Delays. Any work that would normally be schedule on a Holiday or delayed due to weather or other reason shall be performed on the next business day at no additional cost to the Government.

C.1.6.4 Emergency Services. On occasion, services may be required to support an activation or exercise of contingency plans outside the normal duty hours described above. The Contractor shall be

available on a 24 hour-a-day basis to meet emergency requirements as requested by the Government. The Contractor shall provide emergency telephone numbers where key personnel may be contacted when they are not on site.

C.1.7 SAFETY REQUIREMENTS.

C.1.7.1 The Contractor shall comply with all safety requirements in effect at Fort Campbell, Kentucky.

C.1.7.2 The Contractor shall ensure all equipment is serviced and maintained in accordance with good safety practices.

C.1.7.3 The Contractor shall be responsible for his/her own safety program, a copy of which shall be furnished to the Contracting Officer within 30 days of contract award.

C.1.7.4 In order to provide safety control for protection to the life and health of employees and other persons; for prevention of damage to property, materials, supplies, and equipment; and for avoidance of work interruptions in the performance of this contract, the Contractor shall comply with Occupational Safety and Health Act (OSHA) and all pertinent provisions of the publications 29 CFR 1910 and EM 385-1-1.

C.1.8. ACCIDENTS AND INJURIES.

C.1.8.1 Upon the occurrence of a job-related injury, the Contractor shall forward a copy of the record of injury through the Contracting Officer to the Installation Safety Officer and COR within five (5) work days after occurrence. Any technical advice and assistance necessary in accident investigating and reporting may be requested from the Installation Safety Officer through the Contracting Officer. If any claims are made by a third party against the Contractor as a result of an accident which occurs in connection with the Contractor's performance, the Contractor shall submit a report, in writing, within seventy-two (72) hours of the initiation of the claim, to the Contracting Officer.

C.1.8.2 The Contractor shall have competent personnel trained and capable of dealing with minor personnel injuries. In addition to this, each crew of workers shall be provided with first aid kits complying with OSHA and other Federal and State requirements to care for minor injuries normally sustained in the industry.

C.1.8.3 All work crews, office personnel, and COR shall be provided with information pertaining to the contractor's arrangements for emergency medical treatment. This information shall include the following:

Local Hospital: Name, Phone No.

Local Ambulance: Name, Phone No.

Local Doctor: Name, Phone No.

C.1.9 ENVIRONMENTAL REQUIREMENTS

C.1.9.1 Material Storage. No potential environmental polluting materials, including, but not limited to, hazardous chemicals, oils and other petroleum products shall be stored on the Installation by the Contractor. The contractor has no on-site storage facility.

C.1.9.2 Spills.

C.1.9.2.1. Spill Response Plan. The Contractor shall submit a Spill Response Plan to the Contracting Officer within fourteen (14) days after contract award. The Plan shall include, but not limited to, chemicals MSDS sheets, a list of spill response material/equipment on hand, spill notification procedures, names and phone numbers of key point of contacts. Upon approval, the plan will be made available to all employees, emergency response teams and local emergency personnel. The Contractor will be required to initiate the cleanup action within 24 hours of the spill. The Fort Campbell Spill Plan form shall be used for this submittal. Make attachments as required to provide all information. The Spill plan will be provided to the successful contractor at the pre-work conference.

C.1.9.2.2 Spill Responsibility. The Contractor shall be solely responsible for any spills which occur as the result of, or are contributed to by, the actions of its agents, personnel or contractors during the performance of this contract. When possible, emergency response to prevent eminent danger to human health and the environment will be provided by the Fort Campbell Fire Department. The Contractor shall clean such spills to the satisfaction of the Government and in a manner that complies with applicable federal, state and local laws and regulations. The cleanup shall be at no cost to the Government.

C.1.9.2.3 Reporting of Spills. Immediately upon discovery, the Contractor shall report spills of petroleum products, solvents, wastes, any regulated substances, or any other material known to have the potential to be hazardous to the environment or human health, regardless of the quantity involved to the Contracting Officer or his authorized representative.

C.1.9.2.3.1 Notification procedures for hazardous waste spills will be as stated in 40 CFR302 and/or 40 CFR355. The Contractor shall promptly notify the Fort Campbell Fire Department during or after normal duty hours.

C.1.9.2.3.2 Notification procedures for oil and other petroleum products spills will vary depending on quantity. Spills involving an area less than two feet in any direction will not require notification to the Fire Department. The Fire Department shall be notified during normal duty hours only for spills involving an area not over ten feet in any direction or not over fifty square feet or less than ten gallons. The Fire Department shall be promptly notified for spills involving an area in excess of fifty square feet, or greater than ten gallons, or any amount when released into a stream or body of water.

C.1.9.3 Environment and OSHA. The contractor shall comply with all local, State, and Federal environmental and occupational safety laws, rules, and regulations. Any apparent conflict between compliance with such local, State and Federal laws, rules, and regulations and compliance with the requirements of the contract shall be immediately brought to the attention of the Contracting Officer or his authorized representative for final resolution. The Contractor shall notify the Contracting Officer or his authorized representative in writing in addition to any verbal notification of such conflicts. The Contractor shall be liable for all fines, penalties, and costs which result from violations of, or failure to comply with, all such local, State, or Federal laws, rules, and regulations. All unsafe acts or conditions fostered by the Contractor or Contractor personnel may be grounds for the Contracting Officer to halt any and all Contractor performance with a commensurate deduction of monies due the Contractor until such unsafe conditions are corrected. The Contractor shall take due caution not to endanger personnel

during performance of this contract. Upon discovery of a serious hazard such as, but not limited to, fire, or large fuel spill, the Contractor shall notify the Contracting Officer or his designated representative.

C.1.10 **FIRE PREVENTION**. The Government will provide routine and emergency fire protection.

C.1.10.1 The contractor shall have in each vehicle a properly charged and maintained portable fire extinguisher as recommended by his home state, Kentucky, Tennessee DOT's and Fort Campbell regulations.

C.1.11 **VEHICLE REGISTRATION, LICENSING AND OPERATION**

C.1.11.1 Proper state registration, proof of insurance, and a valid driver's license are required to operate a privately operated vehicle (POV) on the installation. Registration with the Provost Marshall's Office is required.

C.1.11.2 All vehicles operated by the Contractor on this installation shall meet Kentucky and Tennessee safety standards, must be properly licensed and be registered with the Provost Marshall's Office. Payment of all fees shall be borne by the Contractor.

C.1.12 **VANDALISM/DAMAGE**.

C.1.12.1 Any acts of vandalism to Contractor-owned property and/or equipment discovered by the Contractor shall immediately be reported to the Military Police and the COR.

C.1.12.2 The contractor assumes the liability for damages to his property and/or equipment resulting from vandalism and other causes.

C.1.13 **COMPLIANCE WITH LAWS AND REGULATIONS**. Failure to comply with all applicable laws and regulations may subject the Contractor to liabilities imposed by a regulating agency. The Contractor shall be required to reimburse the Government for fines, fees, or penalties assessed against the Government due to the Contractor's performance.

C.2 **DEFINITIONS/ACRONYMS AND ABBREVIATIONS**

C.2.1 **DEFINITIONS**

C.2.1.1 Acceptable Quality Level (AQL). The AQL is the maximum percent of the sample that is defective (or the number of defects per hundred units) that, for purposes of sampling inspection can be considered satisfactory.

C.2.1.2 Cantonment Area. The military reservation known as Fort Campbell, with the exception of the military training areas.

C.2.1.3 Contract Administrator. Person from the Directorate of Contracting (DOC) who represents the Contracting Officer (CO) in administering the contract. This person will be the main point of contact for the Contractor in resolving administrative matters.

C.2.1.4 Contract Discrepancy. A failure of the contractor to perform in accordance with contract requirements and specifications. A contract discrepancy may result from a failure of the contractor to

provide, or provide on time, the required contract products or services; or it may result because delivered products or services do not meet specific contract standards.

C.2.1.5 Contract Discrepancy Report (CDR). A formal, written documentation of contract nonconformance or lack of performance for contract work.

C.2.1.6 Contract Line Item Number (CLIN). The items numbered in the Bid Schedule.

C.2.1.7 Contract Manager. See “Contractor’s Representative.”

C.2.1.8 Contracting Officer (CO). A person with the authority to enter into and administer contracts on behalf of the Government.

C.2.1.9 Contracting Officer’s Representative (COR). An individual designated in accordance with subsection 201.602-2 of the Defense Federal Acquisition Regulation Supplement and authorized in writing by the Contracting Officer to perform specific technical or administrative functions. This individual has no authority to enter into or change existing Government contracts.

C.2.1.10 Contractor. The term “Contractor” as used herein refers to the prime Contractor. The Contractor shall be responsible for ensuring that his subcontractors comply with all provisions of this contract.

C.2.1.11 Contractor Employees. The term “Contractor employee(s)” applies to all Contractor and Subcontractor employees performing work on this contract.

C.2.1.12 Contractor’s Representative. A managerial employee of the Contractor with the authority to receive and perform work assignments, receive and implement changes to scheduled work, and receive and direct additional work assignments to be accomplished, all as actions of and for the Contractor. Sometimes called the Project/Contract Manager/Supervisor.

C.2.1.13 Customer Complaint. A means of documenting certain kinds of contract service problems. A Government program that is explained to every organization that receives service under this contract which is used to evaluate a contractor’s performance.

C.2.1.14 Defective Service. A service output that does not meet the contract requirements or the Performance Work Statement (PWS).

C.2.1.15 Federal Holidays. Days that civilian Federal Government employees do not normally work. They are: New Year’s Day, Martin Luther King’s Birthday, President’s Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran’s Day, Thanksgiving Day and Christmas Day.

C.2.1.16 Government Property Administrator. An authorized representative of the Contracting Officer appointed in writing to administer contract requirements and obligations relative to Government property (FAR 45.101).

C.2.1.17 Inspector. See “Quality Assurance Evaluator”

C.2.1.18 Lot. A collection of service outputs from which a sample is to be drawn and inspected for conformance with the standard.

C.2.1.19 Ordering Officer. Contracting Officers Representative (COR).

C.2.1.20 Performance Work Statement (PWS). A document that describes the essential and technical requirements of the contract for the items, materials, or services to be provided and the standards used to determine if the requirements have been met.

C.2.1.21 Chiller. Equipment on the Fort Campbell Post whose maintenance is listed in Technical Exhibits #1, #2, #3. The equipment location, type, etc. is listed in Technical Exhibit #4.

C.2.1.22 Prework Conference (PWC). A conference arranged and conducted by the Contracting Officer (CO) or his designated representative to discuss contract requirements before the contractor starts work on site. Persons participating in this conference are the Contracting Officer or his designated representative, the Contracting Officer's Representative, Inspector, and Contractor personnel.

C.2.1.23 Project Manager. See "Contractor's Representative".

C.2.1.24 Planned Sampling. A sampling method in which work outputs are selected in accordance with a subjective criteria.

C.2.1.25 Quality Assurance. Those actions taken by the Contractor and evaluated by the Government to ensure services meet the requirements of the Performance Work Statement (PWS).

C.2.1.26 Quality Assurance Evaluator (QAE). A Government person responsible for surveillance of Contractor performance.

C.2.1.27 Quality Assurance Surveillance Plan (QASP). This quality assurance surveillance plan is designed to measure the effectiveness of the contractor's performance.

C.2.1.28 Quality Control. Those actions taken by a contractor to control the performance of services so that they meet the requirements of the Performance Work Statement (PWS). See C.1.5.

C.2.1.29 Response Time. Maximum length of time allowed to respond.

C.2.1.30 Timely Manner. Unless otherwise ordered by the Contracting Officer timely manner shall be within the next business day after notification

C.2.2 ABBREVIATIONS AND ACRONYMS

C.2.2.1 CDR-Contract Discrepancy Report

C.2.2.2 CLIN-Contract Line Item Number

C.2.2.3 CO-Contracting Officer

C.2.2.4 COR-Contracting Officer's Representative

C.2.2.5 DOC-Directorate of Contracting

C.2.2.6 FAR-Federal Acquisition Regulation

C.2.2.7 FTC-Fort Campbell

C.2.2.8 GFP-Government Furnished Property

C.2.2.9 IAW-In Accordance With

C.2.2.10 NLT-No Later Than

- C.2.2.11 OSHA-Occupational Safety and Health Act
- C.2.2.12 RESERVED
- C.2.2.13 PWBC-Public Works Business Center
- C.2.2.14 PWS-Performance Work Statement
- C.2.2.15 QA-Quality Assurance
- C.2.2.16 QC-Quality Control
- C.2.2.17 TE-Technical Exhibit

C.3 GOVERNMENT-FURNISHED PROPERTY AND SERVICES.

C.3.1 SERVICES.

C.3.1.1 Emergency Medical Service. The Government can provide medical treatment on an “EMERGENCY BASIS ONLY” to Contractor employees for on-the-job injury and situations of an emergency nature which occurred at Fort Campbell during the performance of this contract. Initial treatment will be at the U.S. Army Hospital; transfers to civilian medical treatment facilities shall be effected as soon as possible, and as determined by hospital officials. Routine medical treatment facilities are not available to contract employees at the Installation. The Government shall require reimbursement of all medical treatment costs from the Contractor. Appropriate documentation of any accidents (see paragraph C.1.9) shall be prepared by the Contractor.

C.4 **CONTRACTOR-FURNISHED PROPERTY AND SERVICES.** The Contractor shall furnish all materials, supplies, tools, services and equipment required to perform this contract.

C.4.1 VEHICLE REQUIREMENTS.

C.4.1.1 Vehicles. Vehicle transportation required in performing the requirements of this contract shall be furnished by the Contractor, and shall meet Kentucky and Tennessee Safety Standards. All vehicles operated by the Contractor and his/her employees on the Fort Campbell military reservation shall be registered at the Provost Marshall’s Office, Fort Campbell, Kentucky, and payment of all fees shall be borne by the Contractor. Contractor shall comply with AR 190-5 and CAM Regulation 190-5. All vehicles used in performance of duties, whether the vehicle is Contractor-owned or privately-owned, shall have Contractor’s name, Fort Campbell, Kentucky, visibly displayed on the vehicle doors. In the event of vehicle failure, Contractor shall immediately initiate action for vehicle repair or replacement.

C.4.1.2 Licenses/Permits. The Contractor shall provide, at his expense, all licenses and permits as may be required by the state, county, and municipality where he operates any type of motor vehicles.

C.4.1.3. Vehicle Listing. The Contractor shall provide, at contract performance start date, a listing of all vehicles used in performance of the contract. An updated list shall be provided to the Contracting Officer each time the inventory is changed. Vehicles no longer in service shall be removed from the list, and the registration decal shall be returned to the Contracting Officer.

C.4.1.4 Vehicle Maintenance and Repair. The Contractor shall maintain and repair all vehicles in a safe and serviceable condition. All Contractor vehicles shall be maintained with clean and orderly appearance, free from observable spills, scum, or buildup. Contractor shall not perform vehicle maintenance, washing or cleaning on Government property. Contractor shall not operate vehicles under this contract that are leaking fluids of any type.

C.4.2 **PERSONAL PROTECTIVE EQUIPMENT**. The Contractor shall provide all badges, and personal protective equipment (glasses, shoes, etc.) required for use under the contract.

C.4.3 **CONTRACTOR EMPLOYEE MEDICAL SERVICES**. The Contractor shall provide medical support services for all Contractor employees incurring non-life threatening injuries while working on the contract. Such services should be structured to provide those types of medical care which typically pertain to minor injuries or other medical services not requiring hospitalization.

C.4.4 **CONTRACTOR-FURNISHED MATERIALS AND SUPPLIES**. The Contractor shall furnish all materials and supplies required for performance of this contract.

C.4.5 **REMOVAL OF CONTRACTOR PROPERTY**. Within seven (7) calendar days after completion of this contract, the Contractor shall remove all Contractor-owned vehicles, equipment, tools, supplies, materials, or other items from the Fort Campbell premises. The Government shall not be responsible for any Contractor-owned material left after contract completion or termination. If the Contractor does not remove said property from Fort Campbell within the stated time, title to the property shall vest in the Government.

C.5 **SPECIFIC TASKS TO BE PERFORMED**.

C.5.1 **CHILLER PREVENTIVE MAINTENANCE**.

C.5.1.1 Centrifugal type Chillers. The Preventative Maintenance (Winter and Summer) is to be done IAW Technical Exhibit #1.

C.5.1.2 Rotary and/or Reciprocating type Chillers. The Preventative Maintenance (Winter and Summer) is to be done IAW Technical Exhibit #2.

C.5.1.3 Screw and/or Heli-rotor (and similar type) chillers. The Preventative Maintenance (Winter and Summer) is to be done IAW Technical Exhibit #3.

C.5.1.4 Minor Repair Work. Line Items 0003 and 0004 will be used to order minor repairs as determined by the Government. Minor repairs is defined as replacing compressors, repairing leaks, and repairing piping, controllers, electronic components, electric motors, etc. The government is not required to order repair repairs that exceed \$2000.00 for any individual chiller. Contractor shall provide a report of all minor repair work performed NLT 5 days after performance. Report shall include a detailed synopsis of all work performed, number of hours, and materials/supplies used.

C.6 **LIST OF TECHNICAL EXHIBITS AND REQUIRED DOCUMENTS**.

C.6.1 **TECHNICAL EXHIBITS**. (See attached files for printable copies of Technical Exhibits)

C.6.1.1 Technical Exhibit #1. Winter and Summer Preventative Maintenance for Centrifugal Chillers.

C.6.1.2 Technical Exhibit #2. Winter and Summer Preventative Maintenance for Rotary and/or Reciprocating Chillers.

C.6.1.3 Technical Exhibit #3. Winter and Summer Preventative Maintenance for Screw and/or Heli-Rotor (and similar type) Chillers.

C.6.4 Technical Exhibit #4. Chiller Type and Location

C.6.5. Technical Exhibit #5. Performance Requirement Summary

C.6.2 REQUIRED RECORDS TO BE SUBMITTED TO THE GOVERNMENT

Paragraph C.1.4.1	Listing of Contractor Employees and proof of Technical Experience
Paragraph C.1.4.4	Sample Uniform
Paragraph C.1.4.5	Sample ID Badge
Paragraph C.1.5.1	Quality Control Plan
Paragraph C.1.8.3	Safety Program
Paragraph C.1.9.1	Record of Job Related Injuries
Paragraph C.1.9.3	Emergency Medical Treatment Information
Paragraph C.1.10.2.1	Spill Response Plan
Paragraph C.1.10.2.3	Report of Spills
Paragraph C.4.1.6	Vehicle Listing
Paragraph C.5.1.4.	Repair Report

TECHNICAL EXHIBIT #1
WINTER MAINTENANCE – CENTRIFUGAL CHILLERS

Preventative Maintenance shall be performed during the months of November and/or December including the following:

1. Perform oil analysis. Change oil as required by oil analysis.
2. Furnish and replace oil filters and gaskets as recommended by manufacturer.
3. Pressure test as per manufacturer requirements.
4. Repair any minor leaks.
5. Perform a detailed inspection of purge system and thorough cleaning of purge compressor, purge oil separator, purge drum and purge condensing coil, as applicable. Change the purge oil in accordance with manufacturer requirements.
6. Clean and inspect the chiller control panel and modules I.A.W. the manufacturer's written instructions; correct minor discrepancies such as loose wires, cleaning contacts, etc.
7. Check condition of contacts for wear, pitting, etc.
8. Check and calibrate safety controls.
9. Meg compressor motor and oil pump motor. Record settings.
10. Check starter, tighten all starter terminals and check contacts for wear.
11. Check and calibrate overloads.
12. Tighten motor terminals, and control terminals.
13. Clean oil strainer; replace filter and gasket where required.
14. Tighten oil heater leads.
15. Check operation of the vane positioner.
16. Brush clean condenser tubes
17. Perform eddy current tube analysis of evaporator and condenser and record findings. **(Eddy Current testing to be done every three years)**
 18. Building 3902 # 1 – due 12/2009
 19. Building 3902 # 2 – due 12/2010
 20. Building 3902 # 3 – due 12/2011
 21. Building 6921A - due 12/2009
 22. Building 6910 – due 12/2010
23. Report any deficiencies noted.
24. Complete the Trane Companies Startup and Operating log and Annual inspection check list.

PREVENTATIVE MAINTENANCE – CENTRIFUGAL CHILLERS

Scheduled preventative maintenance shall be performed during the month of August and include the following:

1. Test motor (meg).
2. Check safety controls and calibrate.
3. Complete operating log and record settings.
4. Check refrigerant and oil levels.
5. Check purge operation IAW manufacturer's requirements.
6. Check starter operation, voltage and current.
7. Adjust operating and safety controls. Record settings.
8. Complete operating log of temperatures, pressures, voltages and amperages.
9. Change oil in purge vacuum pumps in accordance with manufacturer recommendations.
10. Check operation of purge system.
11. Check operation of control circuit.
12. Check operation of lubrication system including oil pump and oil pressure regulator.
13. Check operation of motor and starter.

14. Check operation log with operator, discuss operation of the machine generally. Report any deficiencies noted.
15. Perform vibration analysis of chiller motors, and record findings and provide report.
16. Update operation log provide written troubleshooting techniques with report.

TECHNICAL EXHIBIT #2
WINTER MAINTENANCE

TRANE RTAA & RTAC AND OTHER ROTARY CHILLERS

Preventative Maintenance shall be performed during the months of November and/or December and include the following:

1. Inspect for leaks and report leak check result.
2. Repair minor leaks as required (e.g. valve packing, flare nuts, etc).
3. Calculate the refrigerant loss rate and report the results to the customer.
4. Visually inspect the condenser fans for clearances and physical condition.(OK, bent, cracked, etc)
5. Check tightness of condenser fan motor mounting brackets, adjust as required.
6. Check the set screws on the fan shafts, tighten as required
7. Chemically clean and inspect the condenser coil.
8. Verify the performance of the fan control inverter VFD, if applicable.
9. Grease bearings as required.
10. Clean and inspect the control panel.
11. Inspect wiring and connections for tightness and signs of overheating and discoloration.
Tighten and replace wire connectors as required
12. Verify the working condition of all indicator/alarm lights and LED/LCD displays and replace as needed
13. Test oil for acid content and discoloration
14. Provide copies of the test results IAW contract requirements and make recommendations to the customer based on the results of the test.
15. Verify the operation of the oil heaters.
16. Clean the starter cabinet and starter components.
17. Inspect wiring and connections for tightness and signs of overheating and discoloration.
Tighten and replace wire connectors as required
18. Check the condition of the contacts for wear and pitting.
19. Check contactors for free and smooth operation.
20. Check all mechanical linkages for wear, security and clearances, adjust as required.
21. Verify tightness of the motor terminal connections, adjust as required.
22. Meg the motor and record readings.
23. Record and report abnormal conditions, measurements taken, etc.
24. Review customer logs for operational problems and trends and provide comments in report

SUMMER MAINTENANCE

TRANE RTAA & RTAC AND OTHER RECIPROCATING CHILLERS

Preventative maintenance shall be performed during the month of July and/or August and include the following:

1. Check the general operation of the unit.
2. Log the operating temperatures, pressures, voltages, and amperages.
3. Check the operation of the control circuit.
4. Check the operation of the lubrication system.
5. Check the operation of the motor and starter.
6. Chemically clean and inspect the condenser coil.
7. Check the condenser fans for clearances and free operation; Clean, adjust and lubricate as required.

8. Verify the operation of the oil sump heaters.
9. Test the operation of all flow-proving devices on the chilled water circuit.
10. Verify the operation of all timing devices.
11. Check the set point and sensitivity of the chilled water temperature control; Verify operation of the chilled water temperature control.
12. Verify the operation of the current control device.
13. Check the refrigerant level and correct charge.
14. Verify the operation of the capacity control slide valves.
15. Verify the operation of the “load” and “unload” solenoid valves.
16. Verify the lead-lag compressor operation.
17. Verify the operation of the electronic expansion valves.
18. Check pressure drop across the oil filter and replace when recommended by manufacture’s specifications.
19. Verify clear refrigerant sight glasses.
20. Check oil level.
21. Test the high condenser pressure safety device and record setting.
22. Test the low refrigerant temperature safety device and record setting.
23. Analyze the recorded data. Compare the data to the original design conditions and provide comments in report.
24. Test oil pressure safety device (as required). Calibrate and record setting.
25. Test the operation of the chilled water pump starter auxiliary contacts.
26. Pull oil sample for spectroscopic analysis.
27. Verify the operation of the electrical interlocks.
28. Measure voltage and record. Voltage should be nominal voltage $\pm 10\%$.

TECHNICAL EXHIBIT #3
WINTER MAINTENANCE
TRANE HELI-ROTOR CHILLERS, W-C
SERIES "R" CARRIER SCREW CHILLERS AND SIMILAR TYPE UNITS

Preventative Maintenance shall be performed during the months of November and/or December including the following:

1. Leak-test the chiller and report the leak check results.
2. Repair minor leaks as required (e.g. valve packing, flare nuts, etc).
3. Brush clean condenser tubes.
4. Clean and inspect the control panel.
5. Inspect wiring and connections for tightness and signs of overheating and discoloration; tighten and replace as required.
6. Verify all settings in the electronic control panel.
7. Verify oil level.
8. Test the oil for acid content and discoloration; provide report and recommended actions based on the test results.
9. Change oil filter annually.
10. Verify operation of the oil heater. Measure amps and volts compare the readings with the watt rating of the heater.
11. Clean the starter and cabinet.
12. Inspect wiring and connections for tightness and signs of overheating and discoloration; tighten and replace as required.
13. Check condition of the contacts for wear and pitting.
14. Check contactors for free and smooth operation.
15. Check the mechanical linkages for wear, security and clearances; adjust as required.
16. Meg the motor and record the readings.
17. Record and report abnormal conditions, measurements taken, etc.
18. Review customer logs for operational problems and trends and provide comments on report.
19. Provide a written report of the completed work, operating log, and indicate any uncorrected deficiencies detected and an estimate of repair.
20. **Eddy Current testing of condenser and evaporator tubes to be done every 3 years.**
 - Building 3213 – Carrier, due 12/2009
 - Building 6938 – Carrier, due 12/2010
 - Building 6936 – Trane, due 12/2011
 - Building 6929 – Carrier, due 12/2009
 - Building 6732 – Trane, due 12/2010

SUMMER MAINTENANCE
TRANE HELI-ROTOR CHILLERS, W-C
SERIES "R" CARRIER SCREW CHILLERS AND SIMILAR TYPE UNITS

Preventative maintenance shall be performed during the month of July and/or August and include the following:

1. Check the general operation of the unit.
2. Log the operating temperatures, pressures, voltages, and amperages.
3. Check the operation control circuit.
4. Meg the motor and record the readings.

5. Check the operation of the motor and starter.
6. Verify refrigerant and Oil levels.
7. Analyze the recorded data. Compare the data to the original design conditions.
8. Provide a written report of the completed work, operating log, and indicate any uncorrected deficiencies detected and an estimate of repair.
9. Test the low pressure safety device. Calibrate and record settings.
10. Test the high motor temperature safety device. Calibrate and record setting.
11. Test the operation of the chilled water pump and condenser water pump starter auxiliary contacts.
12. Verify the setting of the current control device.
13. Pull oil sample for spectroscopic analysis.
14. Verify the operation of the electrical interlocks.
15. Measure voltage and record. Voltage should be nominal voltage $\pm 10\%$.

TECHNICAL EXHIBIT 4 **EQUIPMENT LISTING AND LOCATIONS**

Bldg	Descrip.	Manuf.	Size	Model No.	Serial No.	Refrig.	O&M	Suppl.
127	Air Cooled Chiller	TRANE	90 ton	RTAC 0904	UQ4J07767	R22	RTAA-IOM-4A	
202	Air Cooled Chiller (North #1)	TRANE	155 ton	RTAC 1554	UQ5K0402	R134A	RTAC-SUX01A-EN	
202	Air Cooled Chiller (North #2)	TRANE	155 ton	RTAC 1554	UQ5K04402	R134A		
202	Air Cooled Chiller (South)	TRANE	200 ton	RTAA 2004	U99H0712	R22	RTAA-IOM-3	RTAA-W-2
3213	Screw - Water Cooled	CARRIER	Nom 200 ton	30HXC206 RY-660AA	1204Q03672	R134A		
3902	Centrifugal - Water Cooled	TRANE	1280 ton	CVHE 1280	L98B01135	R123	CVHE-OM-7	PRG-OM-6A
3902	Centrifugal - Water Cooled	TRANE	1280 ton	CVHE 1280	L98B01136	R123		
3902	Centrifugal - Water Cooled	TRANE	1280 ton	CVHE 1280	L98B01108	R123		
6551	Air Cooled Chiller	TRANE	110 ton	RTAA 1104	U07X06190	R22		
6732	Screw - Water Cooled	TRANE	300 ton	RTHD UC2A	U07C02568	R134A	RTHD-SUX01C-EN	
6763	Air Cooled Chiller	TRANE	100 ton	RTAA 1004	U98D09838	R22		
6764	Air Cooled Chiller	TRANE	100 ton	RTAA 1004	U98D09837	R22		
6766	Air Cooled Chiller	TRANE	70 ton	RTAA 0704	U98F01023	R22		
6883	Air Cooled Chiller	TRANE	80 ton	RTAA 0804	U98L04134	R22		

6910	Centrifugal - Water Cooled	TRANE	400 ton	CVHE 400	L05D01788	R123	CVHE- OM-8
6921 A	Centrifugal - Water Cooled	TRANE	410 ton	CVHE 410	L00B00851	R123	CVHE- OM-8A
6929	Screw - Water Cooled	CARRIER	Nom 200 ton	30HXC206 RY-660AA		R134A	
6936	Screw - Water Cooled	TRANE	150 ton	RTHB 150A	U07C02567	R22	RTHB- IOM-1
6938	Screw - Water Cooled	CARRIER	Nom 200 ton	30HXC206 RY-660AA		R134A	
6944	Air Cooled Chiller	TRANE	200 ton	RTAC 200A	U05D01384	R134A	
7267	Air Cooled Chiller	TRANE	100 ton	RTAA 1004	UO5E02009	R22	
7267	Air Cooled Chiller	TRANE	100 ton	RTAA 1004	U03H01644	R22	
7523	Air Cooled Chiller	TRANE	125 ton	RTAA 125C	U03L02998	R22	

Technical Exhibit 5
Performance Requirements Summary (PRS).

The contractor service requirements are summarized into performance objectives that relate directly to mission essential items. The performance threshold briefly describes the minimum acceptable level of service required for each requirement. These thresholds are critical to mission success.

Required Service	Standard	Maximum Allowable Degree of Deviation from Requirement (AGL)	Method of Surveillance	Deduction from Contract Price for Exceeding the AQL
Winter Preventative Maintenance	Perform all tasks listed on Technical Exhibits within the Winter Month Identified and IAW Manufacturers Recommended Maintenance Procedures	0% (No Deviation)	100% Inspections (Quality Tests and Observations)	IAW Contract Clause 52.212-4(a)
Summer Preventative Maintenance	Perform all tasks listed on Technical Exhibits within the Winter Month Identified and IAW Manufacturers Recommended Maintenance Procedures	0% (No Deviation)	100% Inspections (Quality Tests and Observations)	IAW Contract Clause 52.212-4(a)
Minor Repairs (Line Items 0003 and 0004)	Perform all repairs to ensure equipment returned to 100% operational.	0% (No Deviation)	100% Inspections (Quality Tests and Observations)	IAW Contract Clause 52.212-4(a)

Wage Determination: 2005-2187, 8

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor

Shirley F. Ebbesen Director Division of Wage Determinations

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Wage Determination No.: 2005-2187
Revision No.: 8
Date of Last Revision: 07/15/2009

States: Indiana, Kentucky, Tennessee

Area: Indiana Counties of Perry, Posey, Spencer, Vanderburgh, Warrick
Kentucky Counties of Butler, Caldwell, Christian, Crittenden, Daviess, Hancock, Henderson, Hopkins, Livingston, Logan, Lyon, McLean, Muhlenberg, Ohio, Todd, Trigg, Union, Warren, Webster
Tennessee Counties of Montgomery, Stewart

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		11 .69
01012 - Accounting Clerk II		13 .13
01013 - Accounting Clerk III		14 .68
01020 - Administrative Assistant		15 .57
01040 - Court Reporter		12 .68
01051 - Data Entry Operator I		11 .55
01052 - Data Entry Operator II		12 .60
01060 - Dispatcher, Motor Vehicle		14 .45
01070 - Document Preparation Clerk		11 .00
01090 - Duplicating Machine Operator		11 .00
01111 - General Clerk I		10 .55
01112 - General Clerk II		11 .51
01113 - General Clerk III		12 .91
01120 - Housing Referral Assistant		14 .14
01141 - Messenger Courier		9 .22
01191 - Order Clerk I		11 .10
01192 - Order Clerk II		12 .33
01261 - Personnel Assistant (Employment) I		13 .83
01262 - Personnel Assistant (Employment) II		15 .47
01263 - Personnel Assistant (Employment) III		17 .25
01270 - Production Control Clerk		18 .80
01280 - Receptionist		9 .99
01290 - Rental Clerk		9 .64
01300 - Scheduler, Maintenance		11 .34
01311 - Secretary I		11 .34
01312 - Secretary II		12 .68
01313 - Secretary III		14 .14
01320 - Service Order Dispatcher		13 .26
01410 - Supply Technician		15 .57
01420 - Survey Worker		11 .06
01531 - Travel Clerk I		12 .18
01532 - Travel Clerk II		12 .94
01533 - Travel Clerk III		13 .64
01611 - Word Processor I		11 .80
01612 - Word Processor II		13 .26

01613 - Word Processor III	14 .82
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	16 .93
05010 - Automotive Electrician	16 .17
05040 - Automotive Glass Installer	15 .39
05070 - Automotive Worker	15 .39
05110 - Mobile Equipment Servicer	13 .79
05130 - Motor Equipment Metal Mechanic	16 .93
05160 - Motor Equipment Metal Worker	15 .39
05190 - Motor Vehicle Mechanic	16 .34
05220 - Motor Vehicle Mechanic Helper	12 .98
05250 - Motor Vehicle Upholstery Worker	14 .60
05280 - Motor Vehicle Wrecker	15 .39
05310 - Painter, Automotive	16 .17
05340 - Radiator Repair Specialist	15 .39
05370 - Tire Repairer	12 .86
05400 - Transmission Repair Specialist	16 .93
07000 - Food Preparation And Service Occupations	
07010 - Baker	13 .37
07041 - Cook I	10 .90
07042 - Cook II	12 .15
07070 - Dishwasher	8 .49
07130 - Food Service Worker	8 .32
07210 - Meat Cutter	12 .81
07260 - Waiter/Waitress	8 .97
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	15 .61
09040 - Furniture Handler	11 .12
09080 - Furniture Refinisher	15 .61
09090 - Furniture Refinisher Helper	12 .56
09110 - Furniture Repairer, Minor	14 .09
09130 - Upholsterer	15 .61
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	8 .44
11060 - Elevator Operator	9 .38
11090 - Gardener	11 .61
11122 - Housekeeping Aide	9 .38
11150 - Janitor	9 .95
11210 - Laborer, Grounds Maintenance	9 .81
11240 - Maid or Houseman	7 .66
11260 - Pruner	9 .42
11270 - Tractor Operator	11 .21
11330 - Trail Maintenance Worker	9 .81
11360 - Window Cleaner	10 .70
12000 - Health Occupations	
12010 - Ambulance Driver	13 .68
12011 - Breath Alcohol Technician	15 .41
12012 - Certified Occupational Therapist Assistant	21 .53
12015 - Certified Physical Therapist Assistant	22 .48
12020 - Dental Assistant	13 .16
12025 - Dental Hygienist	24 .56
12030 - EKG Technician	20 .58
12035 - Electroneurodiagnostic Technologist	20 .58
12040 - Emergency Medical Technician	13 .68
12071 - Licensed Practical Nurse I	14 .46
12072 - Licensed Practical Nurse II	16 .17
12073 - Licensed Practical Nurse III	18 .03
12100 - Medical Assistant	10 .90
12130 - Medical Laboratory Technician	15 .36
12160 - Medical Record Clerk	12 .26
12190 - Medical Record Technician	13 .71
12195 - Medical Transcriptionist	13 .13

12210 - Nuclear Medicine Technologist	26 .51
12221 - Nursing Assistant I	9 .84
12222 - Nursing Assistant II	11 .06
12223 - Nursing Assistant III	12 .06
12224 - Nursing Assistant IV	13 .55
12235 - Optical Dispenser	15 .46
12236 - Optical Technician	13 .99
12250 - Pharmacy Technician	13 .41
12280 - Phlebotomist	13 .55
12305 - Radiologic Technologist	21 .45
12311 - Registered Nurse I	20 .88
12312 - Registered Nurse II	25 .56
12313 - Registered Nurse II, Specialist	25 .56
12314 - Registered Nurse III	30 .90
12315 - Registered Nurse III, Anesthetist	30 .90
12316 - Registered Nurse IV	37 .06
12317 - Scheduler (Drug and Alcohol Testing)	19 .08

13000 - Information And Arts Occupations

13011 - Exhibits Specialist I	16 .05
13012 - Exhibits Specialist II	19 .89
13013 - Exhibits Specialist III	24 .34
13041 - Illustrator I	16 .05
13042 - Illustrator II	19 .89
13043 - Illustrator III	24 .34
13047 - Librarian	22 .05
13050 - Library Aide/Clerk	9 .39
13054 - Library Information Technology Systems Administrator	19 .89
13058 - Library Technician	12 .14
13061 - Media Specialist I	14 .35
13062 - Media Specialist II	16 .05
13063 - Media Specialist III	17 .90
13071 - Photographer I	13 .29
13072 - Photographer II	14 .87
13073 - Photographer III	18 .42
13074 - Photographer IV	21 .08
13075 - Photographer V	22 .87
13110 - Video Teleconference Technician	13 .72

14000 - Information Technology Occupations

14041 - Computer Operator I	13 .73
14042 - Computer Operator II	15 .57
14043 - Computer Operator III	17 .85
14044 - Computer Operator IV	19 .79
14045 - Computer Operator V	21 .98
14071 - Computer Programmer I	(see 1) 19 .04
14072 - Computer Programmer II	(see 1) 23 .60
14073 - Computer Programmer III	(see 1)
14074 - Computer Programmer IV	(see 1)
14101 - Computer Systems Analyst I	(see 1)
14102 - Computer Systems Analyst II	(see 1)
14103 - Computer Systems Analyst III	(see 1)
14150 - Peripheral Equipment Operator	13 .73
14160 - Personal Computer Support Technician	21 .98

15000 - Instructional Occupations

15010 - Aircrew Training Devices Instructor (Non-Rated)	27 .36
15020 - Aircrew Training Devices Instructor (Rated)	33 .55
15030 - Air Crew Training Devices Instructor (Pilot)	39 .68
15050 - Computer Based Training Specialist / Instructor	27 .36
15060 - Educational Technologist	27 .18
15070 - Flight Instructor (Pilot)	39 .68
15080 - Graphic Artist	19 .39
15090 - Technical Instructor	18 .25
15095 - Technical Instructor/Course Developer	22 .34
15110 - Test Proctor	14 .72
15120 - Tutor	14 .72

16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations

16010 - Assembler	8 .79
16030 - Counter Attendant	8 .79
16040 - Dry Cleaner	10 .94
16070 - Finisher, Flatwork, Machine	8 .79
16090 - Presser, Hand	8 .79
16110 - Presser, Machine, Drycleaning	8 .79
16130 - Presser, Machine, Shirts	8 .79
16160 - Presser, Machine, Wearing Apparel, Laundry	8 .79
16190 - Sewing Machine Operator	11 .63
16220 - Tailor	12 .28
16250 - Washer, Machine	9 .59

19000 - Machine Tool Operation And Repair Occupations

19010 - Machine-Tool Operator (Tool Room)	17 .64
19040 - Tool And Die Maker	21 .05

21000 - Materials Handling And Packing Occupations

21020 - Forklift Operator	13 .58
21030 - Material Coordinator	18 .80
21040 - Material Expediter	18 .80
21050 - Material Handling Laborer	12 .75
21071 - Order Filler	10 .64
21080 - Production Line Worker (Food Processing)	13 .58
21110 - Shipping Packer	13 .77
21130 - Shipping/Receiving Clerk	13 .77
21140 - Store Worker I	11 .98
21150 - Stock Clerk	15 .94
21210 - Tools And Parts Attendant	13 .58
21410 - Warehouse Specialist	13 .58

23000 - Mechanics And Maintenance And Repair Occupations

23010 - Aerospace Structural Welder	21 .55
23021 - Aircraft Mechanic I	20 .60
23022 - Aircraft Mechanic II	21 .55
23023 - Aircraft Mechanic III	22 .55
23040 - Aircraft Mechanic Helper	15 .33
23050 - Aircraft, Painter	19 .03
23060 - Aircraft Servicer	17 .44
23080 - Aircraft Worker	18 .54
23110 - Appliance Mechanic	17 .17
23120 - Bicycle Repairer	12 .87
23125 - Cable Splicer	22 .66
23130 - Carpenter, Maintenance	15 .78
23140 - Carpet Layer	16 .26
23160 - Electrician, Maintenance	19 .65
23181 - Electronics Technician Maintenance I	19 .98
23182 - Electronics Technician Maintenance II	21 .12
23183 - Electronics Technician Maintenance III	25 .97
23260 - Fabric Worker	15 .85
23290 - Fire Alarm System Mechanic	18 .23
23310 - Fire Extinguisher Repairer	14 .90
23311 - Fuel Distribution System Mechanic	20 .41
23312 - Fuel Distribution System Operator	19 .33
23370 - General Maintenance Worker	15 .13
23380 - Ground Support Equipment Mechanic	20 .60
23381 - Ground Support Equipment Servicer	17 .44
23382 - Ground Support Equipment Worker	18 .53
23391 - Gunsmith I	14 .90
23392 - Gunsmith II	16 .85
23393 - Gunsmith III	18 .73
23410 - Heating, Ventilation And Air-Conditioning Mechanic	16 .34
23411 - Heating, Ventilation And Air Conditioning Mechanic (Research Facility)	17 .16
23430 - Heavy Equipment Mechanic	18 .04
23440 - Heavy Equipment Operator	17 .65
23460 - Instrument Mechanic	22 .75

23465 - Laboratory/Shelter Mechanic	17 .81
23470 - Laborer	10 .90
23510 - Locksmith	17 .10
23530 - Machinery Maintenance Mechanic	20 .37
23550 - Machinist, Maintenance	16 .18
23580 - Maintenance Trades Helper	12 .56
23591 - Metrology Technician I	22 .75
23592 - Metrology Technician II	23 .79
23593 - Metrology Technician III	24 .89
23640 - Millwright	23 .03
23710 - Office Appliance Repairer	17 .33
23760 - Painter, Maintenance	15 .61
23790 - Pipefitter, Maintenance	21 .57
23810 - Plumber, Maintenance	20 .61
23820 - Pneudraulic Systems Mechanic	18 .80
23850 - Rigger	18 .73
23870 - Scale Mechanic	16 .85
23890 - Sheet-Metal Worker, Maintenance	18 .27
23910 - Small Engine Mechanic	14 .85
23931 - Telecommunications Mechanic I	22 .85
23932 - Telecommunications Mechanic II	25 .00
23950 - Telephone Lineman	23 .22
23960 - Welder, Combination, Maintenance	16 .34
23965 - Well Driller	18 .73
23970 - Woodcraft Worker	18 .73
23980 - Woodworker	13 .32

24000 - Personal Needs Occupations

24570 - Child Care Attendant	8 .22
24580 - Child Care Center Clerk	12 .43
24610 - Chore Aide	9 .83
24620 - Family Readiness And Support Services Coordinator	12 .20
24630 - Homemaker	13 .11

25000 - Plant And System Operations Occupations

25010 - Boiler Tender	18 .04
25040 - Sewage Plant Operator	17 .17
25070 - Stationary Engineer	18 .79
25190 - Ventilation Equipment Tender	13 .94
25210 - Water Treatment Plant Operator	16 .11

27000 - Protective Service Occupations

27004 - Alarm Monitor	14 .21
27007 - Baggage Inspector	10 .05
27008 - Corrections Officer	15 .64
27010 - Court Security Officer	16 .68
27030 - Detection Dog Handler	12 .85
27040 - Detention Officer	15 .64
27070 - Firefighter	17 .42
27101 - Guard I	10 .05
27102 - Guard II	12 .85
27131 - Police Officer I	17 .30
27132 - Police Officer II	19 .20

28000 - Recreation Occupations

28041 - Carnival Equipment Operator	12 .12
28042 - Carnival Equipment Repairer	12 .88
28043 - Carnival Equipment Worker	8 .97
28210 - Gate Attendant/Gate Tender	12 .36
28310 - Lifeguard	11 .74
28350 - Park Attendant (Aide)	14 .24
28510 - Recreation Aide/Health Facility Attendant	10 .09
28515 - Recreation Specialist	12 .54
28630 - Sports Official	11 .34
28690 - Swimming Pool Operator	15 .51

29000 - Stevedoring/Longshoremen Occupational Services

29010 - Blocker And Bracer		18 .57
29020 - Hatch Tender		18 .57
29030 - Line Handler		18 .57
29041 - Stevedore I		18 .05
29042 - Stevedore II		19 .63

30000 - Technical Occupations

30010 - Air Traffic Control Specialist, Center (HFO)	(see 2)	35 .15
30011 - Air Traffic Control Specialist, Station (HFO)	(see 2)	24 .24
30012 - Air Traffic Control Specialist, Terminal (HFO)	(see 2)	26 .69
30021 - Archeological Technician I		16 .42
30022 - Archeological Technician II		18 .36
30023 - Archeological Technician III		23 .63
30030 - Cartographic Technician		23 .63
30040 - Civil Engineering Technician		24 .86
30061 - Drafter/CAD Operator I		17 .06
30062 - Drafter/CAD Operator II		19 .07
30063 - Drafter/CAD Operator III		21 .27
30064 - Drafter/CAD Operator IV		26 .20
30081 - Engineering Technician I		15 .04
30082 - Engineering Technician II		16 .89
30083 - Engineering Technician III		18 .91
30084 - Engineering Technician IV		23 .43
30085 - Engineering Technician V		28 .65
30086 - Engineering Technician VI		34 .68
30090 - Environmental Technician		20 .93
30210 - Laboratory Technician		19 .48
30240 - Mathematical Technician		23 .63
30361 - Paralegal/Legal Assistant I		15 .98
30362 - Paralegal/Legal Assistant II		18 .90
30363 - Paralegal/Legal Assistant III		23 .12
30364 - Paralegal/Legal Assistant IV		27 .95
30390 - Photo-Optics Technician		23 .63
30461 - Technical Writer I		23 .63
30462 - Technical Writer II		28 .90
30463 - Technical Writer III		29 .81
30491 - Unexploded Ordnance (UXO) Technician I		22 .34
30492 - Unexploded Ordnance (UXO) Technician II		27 .03
30493 - Unexploded Ordnance (UXO) Technician III		32 .40
30494 - Unexploded (UXO) Safety Escort		22 .34
30495 - Unexploded (UXO) Sweep Personnel		22 .34
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2)	20 .92
30621 - Weather Observer, Senior	(see 2)	23 .27

31000 - Transportation/Mobile Equipment Operation Occupations

31020 - Bus Aide		10 .18
31030 - Bus Driver		13 .65
31043 - Driver Courier		11 .99
31260 - Parking and Lot Attendant		9 .58
31290 - Shuttle Bus Driver		12 .82
31310 - Taxi Driver		10 .28
31361 - Truckdriver, Light		12 .82
31362 - Truckdriver, Medium		13 .50
31363 - Truckdriver, Heavy		14 .98
31364 - Truckdriver, Tractor-Trailer		14 .98

99000 - Miscellaneous Occupations

99030 - Cashier		7 .65
99050 - Desk Clerk		8 .22
99095 - Embalmer		22 .29
99251 - Laboratory Animal Caretaker I		9 .65
99252 - Laboratory Animal Caretaker II		10 .31
99310 - Mortician		22 .29
99410 - Pest Controller		13 .06
99510 - Photofinishing Worker		12 .74
99710 - Recycling Laborer		14 .53
99711 - Recycling Specialist		17 .02

99730 - Refuse Collector	13 .30
99810 - Sales Clerk	10 .75
99820 - School Crossing Guard	13 .31
99830 - Survey Party Chief	16 .97
99831 - Surveying Aide	10 .08
99832 - Surveying Technician	15 .43
99840 - Vending Machine Attendant	10 .81
99841 - Vending Machine Repairer	12 .82
99842 - Vending Machine Repairer Helper	10 .81

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$3.35 per hour or \$134.00 per week or \$580.66 per month

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 8 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) **COMPUTER EMPLOYEES:** Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

- (1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
- (2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) **AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY:** If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition.

These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A link to the Directory may be found on the WHD home page at <http://www.dol.gov/esa/whd/> or through the Wage Determinations On-Line (WDOL) Web site at <http://wdol.gov/>.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)} Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

QUALITY ASSURANCE SURVEILLANCE PLAN
FOR
CHILLER MAINTENANCE
FORT CAMPBELL, KENTUCKY

This plan is provided for information purposes only. The Quality Assurance Surveillance Plan is not a part of the solicitation, nor shall it be made part of any resulting contract. The Government has the right to change or modify inspection methods at its discretion. This plan does not limit the rights of the Government under other contract clauses such as 52.212-4, Contract Terms and Conditions – Commercial Items.

QUALITY ASSURANCE SURVEILLANCE PLAN

1. INTRODUCTION. The Quality Assurance Surveillance Plan is designed to guide the Contracting Officer's Representative (COR)/Quality Assurance Evaluator (QAE) in providing effective surveillance of all aspects of Providing Chiller Maintenance Services, Fort Campbell, Kentucky. The Government is primarily interested in the finished product and/or service, quality performance, and timely services. The principal method of surveillance will be periodical inspections, 100 percent inspections, and/or customer complaints.

1.2 Customer Complaints. All customer complaints will be validated by the COR. Validated customer complaints citing unsatisfactory performance will/may necessitate the issuance of a Contract Discrepancy Report (CDR). All documentation will be sent to the Contracting Officer in support of the issuance of a CDR. The Contracting Officer will issue a CDR, as appropriate, upon review of the supporting documentation. Upon issuance of the CDR the Contractor may be required to provide a reply in writing within ten (10) working days, giving reasons for the unsatisfactory performance, corrective actions taken, and procedures to prevent recurrence.

1.3 100% Inspection with Periodical Inspection. After completion of preventative maintenance and minor repair work, 100 Percent Inspection will be conducted to determine if maintenance and/or repairs were completed as specified.

Also, contract services may be inspected utilizing periodical inspections. At times, the Contracting Officer or his designated representative may observe unsatisfactory performance by the Contractor that is minor in nature. These observations will be noted and the Contractor will be informed. A large number of defects may indicate a continuing and more serious problem and may be cause for the Contracting Officer to take more severe action i.e., issuance of a Cure Notice, as part of Termination for Cause proceedings. Any discrepancy noted during the course of the inspection will require the Contractor to correct the discrepancy in a timely manner. Unsatisfactory performance will be documented on a Contract Discrepancy Report and will require the Contractor to reply in writing within ten (10) days to the Contracting Officer. Periodical Inspection may include Inspection upon completion of maintenance; Site visits; Observation; Quality Tests.

1.5. Performance Objective, Performance Standard, and Method of Surveillance follows:

<u>Performance Objective</u>	<u>Performance Standard</u>	<u>Method of Surveillance</u>
Perform winter and summer preventative maintenance(includes	All tasks listed on on Techincal Exhibits 1 - 3 within the month specified and	100% Inspection Observations

but not limited to the following)	IAW manufacturer recommended maintenance procedures	
Oil Analysis	Performed IAW manufacturer recommended maintenance procedures.	100% Inspection Quality Tests Results
Replace filters and gaskets	New filters and gaskets Provided and installed	100% Inspection Visits, Observations
Cleaning	All dust, debris on and around equipment removed	100% Inspection Visits, Observations
Pressure and Leak Test	Task performed IAW MFG's maintenance procedures	100% Inspection, Site Visit
Eddy Current Testing	Task performed IAW MFG's maintenance procedures	100% Inspection, Site Visit
Oil Strainer Cleaning	Task performed IAW MFG's maintenance procedures	100 % Inspection Site Visit
"Meg" motor"	Task performed IAW MFG's maintenance procedures	100% Inspection, Observation, Site Visit

1.6. Inspection Checklist. The following checklist will be used to inspect preventative maintenance work performed.

Checklist

Equipment # _____ (Date)
Location _____

	MET	NOT MET
Perform winter and summer preventative maintenance (includes, but not limited to the following)	_____	_____
Oil Analysis	_____	_____
Replace filters and gaskets	_____	_____
Cleaning	_____	_____
Pressure and Leak Test	_____	_____
Eddy Current Testing	_____	_____
Oil Strainer Cleaning	_____	_____

“Meg” motor

Other (listed below)

COMMENTS:

Signature of COR